

QY 421 WTOKHESQPIIIVCSKGMKTVDKKXVKKKGSGSGKGLPLVAVSAIAKLRQAKQ 480  
 DB 407 WYCKHESQPIIIVCSKGMKTVDKKXVKKKGSGSGKGLPLVAVSAIAKLRQAKQ 466  
 QY 481 SSSAALSKPIAVYFDVSCBQVPGIIDLSTKRLMDLPLQCSHLASRDHGLQBPQOHT 540  
 DB 467 SSSAALSKPIAVYFDVSCBQVPGIIDLSTKRLMDLPLQCSHLASRDHGLQBPQOHT 526  
 QY 541 QGSRBNYPRSGKGRSLVYALCMHOPIDBSPDFEKOVPVPHPPPLAATYPRLEKPDGL 600  
 DB 527 QGSRBNYPRSGKGRSLVYALCMHOPIDBSPDFEKOVPVPHPPPLAATYPRLEKPDGL 586  
 QY 601 VLVNWCCKPSPBDFCLKRYBAVLCATPADSHSGHGLDDGGRPALDQSAALQPL 660  
 DB 587 VLVNWCCKPSPBDFCLKRYBAVLCATPADSHSGHGLDDGGRPALDQSAALQPL 646  
 QY 661 LHTVKAQSPBDMPRDSQIYDSVPSPBSLPLAMEGLSTDTGTSTSLTBSVSSSGGLQBS 720  
 DB 647 LHTVKAQSPBDMPRDSQIYDSVPSPBSLPLAMEGLSTDTGTSTSLTBSVSSSGGLQBS 706  
 QY 721 PPLPBRKLSGSGCRADLCGRSTYDELAHVAAPL 753  
 DB 707 PPLPBRKLSGSGCRADLCGRSTYDELAHVAAPL 739

## RESULT 2

Q8RPM7 PRELIMINARY, PRT, 739 AA.

Sequence  
Comparison  
A

ID Q8RPM7 PRELIMINARY, PRT, 739 AA.  
 AC 01-OCT-2002 (T-EMBLrel. 22, Last sequence update)  
 DT 01-OCT-2002 (T-EMBLrel. 22, Last sequence update)  
 DT 01-MAR-2004 (T-EMBLrel. 26, Last annotation update)  
 DE Interleukin 17 receptor-like protein long form.  
 GN Name=IL17RL  
 OS Homo sapiens (human)  
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 OC Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 RX NCBI\_TaxID=9606;  
 RX [1]  
 RP SEQUENCE FROM N.A.  
 RA PubMed-12958313; DOI=10.1074/jbc.M306936200;  
 RA Xiong B., Zhao Q., Kong E., Huang G., Huang Y., Chen P., Zhang B.,  
 RA Liu L., Chang Z.,  
 RT "Shet inhibits PC-12 cell differentiation by interfering with Ras-  
 RT mitogen-activated protein kinase MAPK signaling".  
 RL J. Biol. Chem. 278:50273-50282(2003).  
 RN [2]  
 RP SEQUENCE FROM N.A.  
 RA Xiong B.O., Huang G.R., Zhao Q.H., Chen P.L., Kong Z.L., Ye X.Y.,  
 RA Chen Y., Liu L., Pu X.Y., Chang Z.J.,  
 RL Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.  
 DR EMBL; AY494308; AAM74072.1;  
 DR GenBank; NC\_011761; U117ND.  
 DR GO; GO:0016020; C:membrane; IEA.  
 DR GO; GO:0004888; P:transmembrane receptor activity; IEA.  
 DR InterPro; IPR000157; TIR.  
 KM RECEPTOR.  
 QY SEQUENCE 739 AA; 82441 MW; BCD2A95261B0277 CRC64;  
 Query Match 97.6%; Score 3915; DB 2; Length 739;  
 Best Local Similarity 97.9%; Pred. No. 4,56-250;  
 Matches 737; Conservative 1; Mismatches 1; Indels 14; Gaps 1;

DB 107 FLAGPVILBELKSGRCQOOLILNDPKQLNSBFRKTAKESQPLLNKRETDVYKVP 166  
 QY 181 PSIKNSBNYHPPFPFTR; CDLLQPDNLACSPFKRPNLNLSQHGSDMVQSPHAPNFG 240  
 DB 167 PSIKNSBNYHPPFPFTRBACDILLQPDNLACSPFKRPNLNLSQHGSDMVQSPHAPNFG 226  
 QY 241 PRPPTLYTLNHRGPKRKTCKROBOTETTSCLQONSPODXYILHVDOTTRKRYMHA 300  
 DB 227 PRPPTLYTLNHRGPKRKTCKROBOTETTSCLQONSPODXYILHVDOTTRKRYMHA 286  
 QY 301 LKPVHSPWAPPIRAVAITPVLTVAATLFTVCRKQKQENIYSHLDBSSSSSTTAA 360  
 DB 287 LKPVHSPWAPPIRAVAITPVLTVAATLFTVCRKQKQENIYSHLDBSSSSSTTAA 346  
 QY 361 LPRERLAPRKVPLCYSSKDCQNMNVVQCFAYFLQDFCCRYALDLMDPFLCKBQGR 420  
 DB 347 LPRERLAPRKVPLCYSSKDCQNMNVVQCFAYFLQDFCCRYALDLMDPFLCKBQGR 406  
 QY 421 WTOKHESQPIIIVCSKGMKTVDKKXVKKKGSGSGKGLPLVAVSAIAKLRQAKQ 480  
 DB 407 WYCKHESQPIIIVCSKGMKTVDKKXVKKKGSGSGKGLPLVAVSAIAKLRQAKQ 466  
 QY 481 SSSAALSKPIAVYFDVSCBQVPGIIDLSTKRLMDLPLQCSHLASRDHGLQBPQOHT 540  
 DB 467 SSSAALSKPIAVYFDVSCBQVPGIIDLSTKRLMDLPLQCSHLASRDHGLQBPQOHT 526  
 QY 541 QGSRBNYPRSGKGRSLVYALCMHOPIDBSPDFEKOVPVPHPPPLAATYPRLEKPDGL 600  
 DB 527 QGSRBNYPRSGKGRSLVYALCMHOPIDBSPDFEKOVPVPHPPPLAATYPRLEKPDGL 586  
 QY 601 VLVNWCCKPSPBDFCLKRYBAVLCATPADSHSGHGLDDGGRPALDQSAALQPL 660  
 DB 587 VLVNWCCKPSPBDFCLKRYBAVLCATPADSHSGHGLDDGGRPALDQSAALQPL 646  
 QY 661 LHTVKAQSPBDMPRDSQIYDSVPSPBSLPLAMEGLSTDTGTSTSLTBSVSSSGGLQBS 720  
 DB 647 LHTVKAQSPBDMPRDSQIYDSVPSPBSLPLAMEGLSTDTGTSTSLTBSVSSSGGLQBS 706  
 QY 721 PPLPBRKLSGSGCRADLCGRSTYDELAHVAAPL 753  
 DB 707 PPLPBRKLSGSGCRADLCGRSTYDELAHVAAPL 739

## RESULT 3

Q8RVP4 PRELIMINARY, PRT, 707 AA.

ID Q8RVP4 PRELIMINARY, PRT, 707 AA.  
 AC 05-JUN-2004 (T-EMBLrel. 27, Created)  
 DT 05-JUN-2004 (T-EMBLrel. 27, Last sequence update)  
 DT 05-JUN-2004 (T-EMBLrel. 27, Last annotation update)  
 DE BSE splice variant b.  
 OS Homo sapiens (human)  
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 OC Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
 RX NCBI\_TaxID=9606;  
 RX [1]  
 RP SEQUENCE FROM N.A.  
 RA TISUS-Testes;  
 RA PubMed-14742870; DOI=10.1073/pnas.0307952100;  
 RA Preger B., Ziv I., Shabtay A., Sher I., Teang M., David I.B.,  
 RA Altuvia Y., Ron D.,  
 RT "Alternative splicing generates an isoform of the human Sef gene with  
 RT altered subcellular localization and specificity".  
 RL Proc. Natl. Acad. Sci. U.S.A. 101:1229-1234(2004).  
 DR EMBL; AY489047; AAS15051.2;  
 DR GO; GO:0016020; C:membrane; IEA.  
 DR GO; GO:0004888; P:transmembrane receptor activity; IEA.  
 DR InterPro; IPR000157; TIR.  
 QY SEQUENCE 707 AA; 79493 MW; 703B21EB0817B CRC64;  
 Query Match 92.4%; Score 3708; DB 2; Length 707;  
 Best Local Similarity 93.7%; Pred. No. 2,86-274;  
 Matches 696; Conservative 1; Mismatches 1; Indels 0; Gaps 0;